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According to Informations Pagest Classification (IPC) or to both national classification and IPC 5. FIELDS SEARCHED Information commentation asserted (Identification system followed by classification symbols) GOFF GOFF GOFF GOFF GOFF COPE Decumentation searched after than minimum documentation to the exsent that such documents are included in that fields searched Electronic data base consulted during the informational search (name of data base and where practical, search terms used) EPO-Internal WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category Category Category Considered to Considered Conside				T/US2004/038780
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International Application No
W-/US2004/038780

C.(Continuati	on) DOCUMENTS CONSIDERED TO BE RELEVANT	VV / U32004/ U30700		
Category "	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No		
E	WO 2005/043368 A (3M INNOVATIVE PROPERTIES COMPANY) 12 May 2005 (2005-05-12) the whole document	1-20		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No T/US2004/038780

Patent document cited in search report		Publication date	Patent family member(s)		Publication date	
US 2003128191	Al	10-07-2003	NONE			
WO 03088164	A	23-10-2003	AU EP	2002255924 1488389		27-10-2003 22-12-2004
WO 2005043368	A	12-05-2005	US	2005088417	Al	28-04-2005